

*MOJAVE DESERT*

AIR QUALITY MANAGEMENT DISTRICT



# Call for Projects

## Stationary Agricultural Engines

The Carl Moyer Memorial Air Quality Standards Attainment Program  
(Third Round)

April 8, 2002

14306 Park Avenue  
Victorville, CA 92392-2310  
Phone (760) 245-1661 FAX (760) 245-2022

# The Carl Moyer Memorial Air Quality Standards Attainment Program Call for Projects – Stationary Agricultural Engines

## I. PURPOSE

The Mojave Desert Air Quality Management District (MDAQMD) requests applications for projects under the Carl Moyer Memorial Air Quality Standards Attainment (Carl Moyer) Program. The objective is to achieve emission reductions from heavy-duty vehicles, off-road vehicles and equipment operated within MDAQMD. The emission reductions will be achieved through the deployment of low-emission engines or retrofit technologies that are real, surplus and quantifiable and consistent with the Carl Moyer Program Guidelines.

## II. INTRODUCTION

The California Air Resources Board (CARB) is administering the overall Carl Moyer Program effort and has developed program requirements and criteria. Former Governor Wilson and the State Legislature authorized the first round of Carl Moyer Program funding in FY 98-99, and Governor Davis and the Legislature authorized second and third rounds in FY 99-00 and FY 00-01, respectively.

As the third round of the Carl Moyer Program is implemented, grants will continue to be issued locally by MDAQMD. The guidelines as amended by CARB on November 16, 2000 describe the project criteria for this round of funding. This Call for Projects sets forth the procedures for applying for Carl Moyer funds for stationary agricultural engine projects. Please contact MDAQMD if you need an application for another category. The total funding which is currently available to all project types (exclusive of San Bernardino County on-road projects) will be a maximum of **\$1,717,000**.

To expedite program implementation, projects potentially eligible for Carl Moyer Program funding will be evaluated by MDAQMD staff and funded on a first-come, first-served basis if they meet the Carl Moyer Program criteria. In the event the total amount of the proposals received in the first five MDAQMD business days of the program's opening exceeds the total amount of funds available for the Call, the Mobile Source Emission Reductions Committee will be convened and the projects subjected to competitive review and award by the Governing Board. After the initial award, if funds remain, staff may award eligible projects on a first-come, first-served basis until all of the available funds are committed. The APCO will execute agreements for approved projects.

Projects should be designed to ensure that the emission reductions expected through the deployment of low-emission engines under this program are real, surplus, and quantifiable. MDAQMD intends to retire all emission reductions resulting from funded projects as part of meeting air quality attainment goals.

### III. SCHEDULE

All dates are 2002 unless otherwise noted.

<u>DATE</u>	<u>EVENT</u>
April 8	Call for Projects available
May 20, 8:00 a.m.	Earliest date/time applications will be considered for funding
May 28, 5:00 p.m.	Applications received to date will be totaled; if the total amount requested from the eligible projects exceeds \$1,717,000, these projects will be competitively reviewed

Dependent upon the total dollar amount of the initial applications received, different time frames and processes will apply. The schedules below cover each scenario.

Initial applications exceed available funds		Initial applications < available funds	
May 29-June 6	Competitive application review; Committee develops recommendations	May 29-October 11	Staff reviews applications and prepares recommendations to Governing Board
June 24	Governing Board approves or rejects recommendations	June 24-October 28	Governing Board approves or rejects recommendations
June 25-August 15	Contract preparation & execution	September 30, 5:00 p.m.*	Latest possible date/time applications will be accepted (*may be earlier date if all funds allocated earlier)
		June 25-December 16	Contract preparation & execution

### IV. ELIGIBLE PROJECTS/SELECTION CRITERIA

The following is a brief overview of the selection criteria for the stationary agricultural engine project category. Applications will be subject to the criteria in CARB's Guidelines. The agricultural engine guidelines are available on MDAQMD's web site at [www.mdaqmd.ca.gov](http://www.mdaqmd.ca.gov). To request a hard copy of these guidelines, contact the MDAQMD at (760) 245-1661, ext. 5706.

- An engine must be 50 horsepower or greater which is equivalent to an electric motor 37 kilowatts or greater;
- A repower of a pre-1996 model year engine 50 horsepower and greater must be with a new engine certified at the NO<sub>x</sub> emission standard in effect at time of purchase;
- A repower of an emission-certified engine of model year 1996 or later must be with a new engine certified at one of the applicable NO<sub>x</sub> emission credit standards listed in CARB's Guidelines.

- A retrofit of an emission-certified off-road engine of model year 1996 or newer must be certified to reduce NO<sub>x</sub> emissions by at least 15% for use in off-road engines;
- Where testing is required engines must be tested using ARB test procedures for off-road engines;
- Reduced-emission engines or retrofit kits must be certified for sale in California and must comply with durability and warranty requirements. Qualified engines could include new CARB-certified engines or CARB-certified aftermarket part engine/control devices;
- NO<sub>x</sub> reductions obtained must not be required by any existing regulations, memoranda of understanding/agreement, or other legally binding documents, or for mitigation under the California Environmental Quality Act;
- Funded projects must operate for a minimum of 5 years and the agricultural stationary engine must be registered with AVAQMD throughout the specified life of the project; and
- Projects must meet a cost-effectiveness criterion of \$13,000 per ton of NO<sub>x</sub> reduced.
- The maximum acceptable project life for calculating off-road project benefits is as follows:

	Default without documentation	Default with documentation
New purchase, repower or retrofit	7 years	10 years

- In addition to the above criteria, any proposals for fuel or engine technologies falling outside the categories specifically discussed in this Call, will be referred to CARB for assistance in evaluation and determination in meeting the requirements of the Carl Moyer Program.

In addition to the above criteria, any proposals for fuel or engines technologies not certified by CARB, or falling outside the categories specifically discussed in this Call, will be referred to CARB for assistance in evaluation and determination in meeting the requirements of the Carl Moyer Program.

Projects required as mitigation by an environmental document under the California Environmental Quality Act or National Environmental Policy Act, and projects to comply with or implement a mandatory requirement of an existing MDAQMD regulation, will not be considered for funding under the Carl Moyer Program.

**Special Note:** Projects funded via the Carl Moyer Program cannot generate Emission Reduction Credits (ERCs) pursuant to MDAQMD Regulation XIV or be used for offsets pursuant to Regulation XIII.

## V. APPLICATION SUBMITTAL REQUIREMENTS

Proposers must complete the appropriate application forms, which are provided in Attachment A and which may also be accessed on MDAQMD's website at [www.mdaqmd.ca.gov](http://www.mdaqmd.ca.gov). All applications must follow the directions below and all requested information must be supplied:

- Applications will not be considered for funding until 8:00 a.m. on May 20, 2002. Any applications received earlier will be held until this date.
- Proposals should be directed to:

Jean Bracy, Director, Administrative Services  
Mojave Desert Air Quality Management District  
14306 Park Avenue  
Victorville, CA 92392-2310

Disposition of Proposals - MDAQMD reserves the right to reject any or all proposals. All proposals become the property of the MDAQMD. Proposals are valid only during the current funding cycle that the proposals are submitted.

Modification or Withdrawal - Once submitted, proposals may not be altered except at the request of MDAQMD. Additional information will not be accepted after the proposal is submitted. Proposers should inform MDAQMD immediately if there is need to withdraw a proposal.

Grounds for Rejection - A proposal may be rejected if:

- It is received outside the exact time frames set for receipt of proposals.
- It is not received at the specified location.
- It is not signed by a responsible representative of the proposer.
- The proposal does not meet the criteria set forth in CARB's guidelines.
- MDAQMD staff or the Mobile Source Emission Reductions Committee determine that the project is ineligible.

## VI. FUNDING LIMITS

The Carl Moyer Program is intended to fund the differential cost only between existing technology and low emission technology. In no case will funding exceed \$13,000/ton of NO<sub>x</sub> reduced. No administrative costs will be funded. In general, the amount of funding for each stationary agricultural engine project will be the difference between total cost of purchasing and installing the new emission-certified engine and the total cost of rebuilding the existing engine.

NOTE: In the event that applications are subject to competitive review by the Mobile Source Emission Reductions Committee, some applications may be reduced in scope and/or funding level so that a greater number of applications may be approved. The Committee reserves the right to recommend for approval to the MDAQMD Governing Board only a portion of the proposer's scope of work and funding request. In this case, the proposer may be requested to submit a revised work statement, schedule of deliverables, and cost breakdown.

## VII. CONTRACT PREPARATION AND FUNDS DISTRIBUTION

Contract preparation for Carl Moyer Program projects will begin immediately upon approval of projects by MDAQMD staff and will be reviewed by both the District Counsel and the Director

of Administrative Services. Those projects that are chosen for funding will be required to complete a contract with the MDAQMD as a condition of receiving funds. Projects must be completed (purchase order issued) by June 15, 2003.

Prior to receiving any funds, the MDAQMD will provide the grantee with one final copy of the signed contract and written instructions on how to request funds. Funds will be released on a reimbursement basis. Furthermore, prior to receiving any funds, the grantee must provide the MDAQMD with the following documents:

1. Verification of appropriate signing authority. The signing authority must be the person authorized in the contract as the person who can act on all fiscal matters on behalf of the funded agency.
2. Verification of all insurance requirements identified in the contract. If self insured, a letter from a risk manager or the like will be acceptable.

The contract will require the applicant to perform adequate record keeping to substantiate the emission reductions associated with the project. The scope and duration of necessary record keeping will vary depending upon the nature of the project, but will be based upon the engine life identified in the application. The contract will also include requirements for monitoring and reporting by the proposer. The MDAQMD reserves the right to conduct a fiscal audit to ensure appropriate expenditure of the Carl Moyer funds.

Proprietary Rights - Applicants wishing to propose the use of proprietary data developed solely at their own expense should clearly identify such data and the restrictions on its use in their proposals.

## VIII. AUDIT PROCEDURES

Any entity that receives funds from the Carl Moyer Program may be subject to an audit of each project funded. The audit may be conducted by MDAQMD staff or by an independent auditor selected by MDAQMD. The purpose of the audit will be to determine if the funds were used in a manner consistent with the Carl Moyer Guidelines and contract terms.

If MDAQMD determines that the funds were expended in a manner contrary to law or not in accordance with contract provisions, MDAQMD will notify the contractor of the determination, and the MDAQMD Governing Board will hold a public hearing at which the contractor may present information related to the expenditure of funds. After the hearing, if the Governing Board determines that the contractor has expended the funds in a manner that is contrary to law or not in accordance with contract provisions, MDAQMD shall withhold monies from the contractor in an amount equal to the amount that was inappropriately expended. MDAQMD may instead choose to seek repayment of funds inappropriately expended.

## IX. IF YOU NEED HELP

MDAQMD staff members are available to answer questions during the application preparation

period. Please direct inquiries to Cynthia Ravenstein, Transportation and Small Business Coordinator, at (760) 245-1661, ext. 5706.

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